

ENGLISH LANGUAGE ARTS

- Read and analyze a variety of 6th grade appropriate types, genres, and authors.
- Summarize and describe how key details (characters, setting, events, individuals, etc.) convey, support, and elaborate central ideas or themes in texts free of opinions.
- Cite specific textual evidence to support inferences, conclusions, judgments, and ideas.
- Analyze how authors use craft, language, structure (sentences, scenes, chapters, or stanzas), and style elements in response to audience, genre, meaning, purpose, and task.
- Acquire and use language in writing and speaking appropriate to audience, genre, meaning, purpose, and task.
- Determine the evidence and validity of reasoning of specific claims within a text.
- Write well-organized informative and narrative pieces in response to a prompt, task, or text.
- Construct well-crafted arguments in response to a prompt, task, or text with a stated claim and supporting evidence.
- Demonstrate understanding of standard grammar rules, parts of speech, and conventions (punctuation and spelling).
- Collaborate and communicate effectively with peers on 6th grade topics, texts, and issues.





- Recognize that all matter is made up of atoms and atoms of the same element are all alike, but are different from the atoms of other elements.
- Compare solids, liquids, and gasses with respect to properties, structure, and behavior.
- Understand the properties of waves and the wavelike property of energy in earthquakes, light, and sound.
- Understand how energy transfers thermally, electrically, and mechanically.
- Summarize the structure (layers and composition) of the earth.
- Explain how earth's features (e.g. oceans, mountains, etc.) are formed.
- Understand the solar system and earth/moon/sun cycles and predict motions of celestial bodies like planets, comets, etc.
- Understand the structures, processes, and behaviors of plants that enable them to survive and reproduce.
- Understand basic principles of photosynthesis and respiration and how these processes support life on earth.
- Understand the dynamics of plant and animal populations and how they affect ecosystems.

SOCIAL STUDIES

- Evaluate the impact movement has on political, economic, and social change and systems.
 - Examine early foundations, functions, and purposes of government.
 - Analyze historic events, documents, practices, and the impact of key leaders in civilizations across time.
 - Analyze how expansion results in conflict and creates political, economic, social, and technological change.
 - Describe and compare various cultures of early civilizations.
 - Understand how a culture can define and impact the roles of people and political systems.
- Evaluate the role that the elements of culture play in the development of society.
 - Examine how people's needs are met through utilization, adaption, and modification of their geography.
 - Understand how economies develop through the interdependence of people.
 - Evaluate the cause of effect of conflict in ancient and medieval times



MATH



- Calculate the area of rectangles, parallelograms, triangles, and shapes composed of all three.
- Calculate the surface area and volume of three-dimensional right prisms.
- Add, subtract, and divide fractions by finding a common denominator.
- Add, subtract, multiply and divide with decimals with whole numbers and decimals using common processes, such as long division.
- Determine the least common multiple and greatest common factor of 2 numbers.
- Write ratios to relate numbers and use them to solve problems.
- Understand the concept of a percentage as a ratio comparing a number to 100, and use percentages to solve problems.
- Define and interpret negative numbers, both on a number line and a coordinate plane.
- Represent numbers with variables in expressions and equations, and use them to create equivalent expressions and solve one-step equations.
- Represent and interpret data using dot plots, histograms, box plots, mean, median, and the concepts of center and spread.